## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicants:

Hakomori et al.

Appl. No.:

10/669,264

Conf. No.:

3225

Filed:

25 September 2003

Title:

VACCINES DIRECTED TO CANCER-ASSOCIATED CARBOHYDRATE

ANTIGENS

Art Unit:

1646

Examiner: Docket No.: Unassigned

116653-017

Mail Stop Missing Parts Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## SEQUENCE LISTING CERTIFICATION

Sir:

Enclosed herewith is a substitute computer readable form of the sequence listing. The sequence listing information recorded in computer readable form is identical to the paper sequence listing filed 25 September 2003. No new matter is included in the sequence listing.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Wirey J. Howell

Reg. No. 46,402

P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (202) 955-6832

Dated: 17 October 2005